

NOISE ASSESSMENTS FOR RESIDENTIAL DEVELOPMENTS



“experienced in undertaking noise assessments for residential developments across the UK”



The National Planning Policy Framework (NPPF) does not specify noise limits that apply to new residential development, rather at paragraph 123 it states:

“Planning policies and decisions should aim to avoid noise from giving rise to significant adverse impacts on health and quality of life as a result of new development...”

Local Authorities therefore have a direction to permit residential development where it can be demonstrated that noise limits such as those prescribed in BS8233:2014 ‘Guidance on Sound Insulation and Noise Reduction for Buildings’ can be met.

In order to facilitate planning permission, applicants may be required to submit a noise assessment that demonstrates that recommended internal and external noise limits can be met.

HOW CAN SLR HELP?

SLR’s team of noise consultants are experienced in undertaking noise assessments for residential developments across the UK.

Our services include:

- **Liaison with the Local Authority**
The scope of the noise assessment including the methodology and the monitoring protocol is agreed.
- **Baseline Noise Surveys**
Surveys are completed to determine the existing baseline noise climate at the development site.
- **Noise Modelling**
Modelling is undertaken to determine the predicted noise level across the proposed development site.
- **Glazing Specification**
The noise model is used to determine the glazing specification required at each unit. The glazing needed to meet the recommended internal noise limits is presented for each façade. This data may be passed onto glazing manufacturers.
- **Noise Mitigation**
If required the noise model is used to test the effectiveness of proposed acoustic barriers and bunds.
- **Expert Witness Services**
In the event of a planning appeal SLR can provide Expert Witness services.

SLR CAPABILITIES

Detailed knowledge of current noise regulations and experience of their implementation.

Recent experience of undertaking noise assessments for small and large scale residential developments across the UK.

Ability to provide clients with robust and comprehensive noise assessment reports for inclusion within a planning application.

Detailed glazing specification advice for each façade of each residential building.



Michelle Dawson
T: +44 (0)115 964 7280
mdawson@slrconsulting.com

Paul Goring
T: +44 (0) 1245 392170
pgoring@slrconsulting.com

www.slrconsulting.com